MULTIMEDIA UNIVERSITY ™

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

MWP7313 – WEB PROGRAMMING

(All sections / Groups)

24 JANUARY 2019
10.00 a.m. – 12.00 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 4 pages including cover page with 5 Questions only.
2. Answer **FOUR** out of **FIVE** questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please print all your answers in the answer Booklet provided.

QUESTION 1

Write a PHP code to capture three inputs entered through an HTML form. The code for the form is shown below:

```
<form method="POST" action="grade.php">
<input type="text" name="mark1"></input>
<input type="text" name="mark2"></input>
<input type="text" name="mark3"></input>
<button type="SUBMIT">Find Grade</button>
</form>
```

Display each mark on a separate line. Next determine and display the total mark and the average mark (in two decimal places) of the three inputs. Sample output should look like below:
(Hint: `number_format("1000",1) = 100.0`)

Mark 1 = 75 Mark 2 = 82 Mark 3 = 78 Total = 235, Average = 78.33%

[10 marks]

QUESTION 2

Write a PHP code (using a **for**-loop) to display numbers from 1 to 10, separated by commas (,) while fulfilling the conditions below:

1. Skip and do not display these numbers: 4 and 8
2. Transform these numbers into double: 2 into 4 and 3 into 6.
3. Display text "Half" in between 5 and 6.

Your output should be identical to the following:

1, 4, 6, 5, Half, 6, 7, 9, 10,

[10 marks]

QUESTION 3

Complete PHP code fragments in the boxes below. The output should be displaying:

```
Car (VX 1234) has 4 wheels
Motorcycle (FB 2298) has 2 wheels
```

```
<?php

class Vehicle{
   var $wheelCount;
   var $regNo;

   public function setNumberOfWheels($a){
        1.
   }
   public function getNumberOfWheels(){
        2.
   }

   class Motorcycle extends Vehicle{
       public function __construct($reg){
            3.
            4.
       }
       public function printInfo(){
            5.
       }
   class Car extends Vehicle{
       public function __construct($reg{
            6.
            7.
       }
       public function printInfo(){
            8.
       }
   }
}
$v1 = new Car("VX 1234");
$v2 = new Motorcycle("FB 2298");

echo $v1->printInfo();
echo "<br>";
echo $v2->printInfo();

?>
```

[10 marks]

QUESTION 4

(a) Arrays of subject names and marks for two subjects, "Web Programming" and "Research Methodology" are defined below for you.

```
$subject1 = array("Web Programming", 78, 90);
$subject2 = array("Research Methodology", 65, 72);
```

Write PHP codes that display a three-column table with headers "Subject", "Student A", and "Student B". The next row will be a subject name, and marks for Student A and Student B. See the sample output below:

Subject	Student A	Student B
Web Programming	78	90
Research Methodology	65	72

[*10 marks*]

QUESTION 5

Write CSS statements to display paragraphs in styles shown below:

The quick **brown fox** jumps over the lazy dog.

The quick brown fox jumps over the lazy dog.

The HTML code for the output above is given below:

```
<p>
The quick <span class="style1">brown fox</span> jumps over the
<span class="style2">lazy dog</span>.
</p>
<p class="style3">
The quick brown fox jumps over the lazy dog.
</p>
```

[*10 marks*]

End of Page.